

Patent  
Attorney's Docket No. 001425-108

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In-re Patent Application of )  
Ge XU et.al. ) Group Art Unit: 1763  
Application No.: unassigned ) Examiner: S. MacArthur  
Filed: concurrently herewith )  
For: CVD APPARATUS )

**DECLARATION**

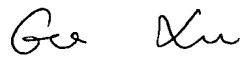
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

We, Ge Xu and Hiroshi Nogami, are inventors of the above-captioned patent application, which is filed concurrently herewith.

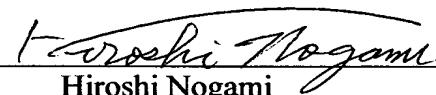
We hereby declare that we are not aware of any prior art teachings of the present invention, and in particular, of the concept that backflow of gases from the film deposition process space into either the plasma generating space or into any interior spaces of the partitioning wall section were responsible for the excess generation of dust and deterioration of the finished product.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Ge Xu

date: 2001/5/15



Hiroshi Nogami

date: 201.5.15

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Ge XU et al. ) Group Art Unit: 1763  
Application No.: Unassigned ) Examiner: S. MacArthur  
Filed: May 24, 2001 )  
For: CVD APPARATUS )

**SUBMISSION OF DECLARATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to an interview conducted with the Examiners in parent Application Serial No. 09/435,625, submitted herewith is a declaration executed by the inventors of the above-identified patent application. The declaration is submitted in response to a request made by the Examiners in the parent application.

It should be noted that the present application claims priority not only of the parent application Serial No. 09/435,625, but also of a second U.S. application Serial No. 09/255,852.

In the event that there are any questions concerning this submission, or the application in general, the Examiner is respectfully urged to telephone the undersigned attorney so that prosecution of the application may be expedited.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By: William C. Rowland  
William C. Rowland  
Registration No. 30,888

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620  
Date: May 24, 2001

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY**  
 (Includes Reference to Provisional and PCT International Applications)

Attorney's Docket No.  
 001425-108

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;  
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CVD Apparatus

the specification of which (check only one item below):

is attached hereto.

was filed as United States application

Number \_\_\_\_\_  
 on \_\_\_\_\_  
 and was amended  
 on \_\_\_\_\_ (if applicable).

was filed as PCT international application

Number \_\_\_\_\_  
 on \_\_\_\_\_  
 and was amended  
 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(e) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:**

COUNTRY (If PCT, indicate "PCT")	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. §119
Japan	11-157692	4 June 1999	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Japan	10-62066	26 February 1998	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Japan	11-23887	1 February 1999	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)**  
 (Includ a Reference to Provisional and PCT International Applications)

 Attorney's Docket No.  
 001425-108

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the Office all information known to me to be material to the patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120:**

U.S. APPLICATIONS		STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
09/435,625	8 November 1999		X	
09/255,852	23 February 1999		X	

**PCT APPLICATIONS DESIGNATING THE U.S.**

PCT APPLICATION NO.	PCT FILING DATE	U.S. APPLICATION NUMBERS ASSIGNED (if any)

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis	17,337	Eric H. Weisblatt	30,505	Bruce T. Wieder	33,815
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Norman H. Stepno	22,716	William C. Rowland	30,888	Allen R. Baum	36,086
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Frederick G. Michaud, Jr.	26,003	Patrick C. Keane	32,858	Brian P. O'Shaughnessy	32,747
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21839

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (CONT'D)**  
 (Includes Reference to Provisional and PCT International Applications)

 Attorney's Docket No.  
 001425-108

FULL NAME OF SOLE OR FIRST INVENTOR		SIGNATURE	DATE
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RESIDENCE		CITIZENSHIP	
Tokyo, Japan		Japanese	
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FULL NAME OF THIRD JOINT INVENTOR, IF ANY		SIGNATURE	DATE
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POST OFFICE ADDRESS			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			